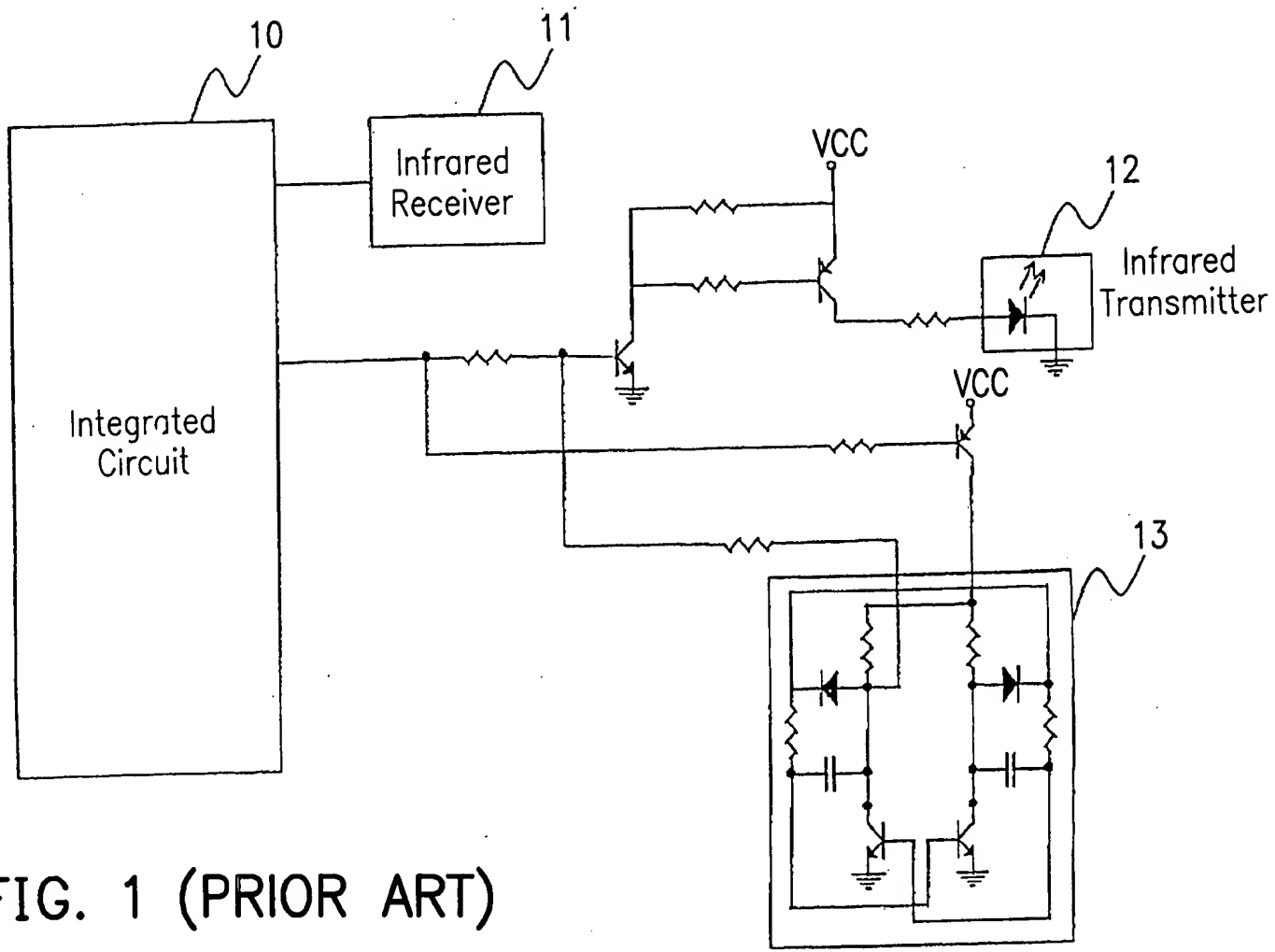

FIG. 1 (PRIOR ART)

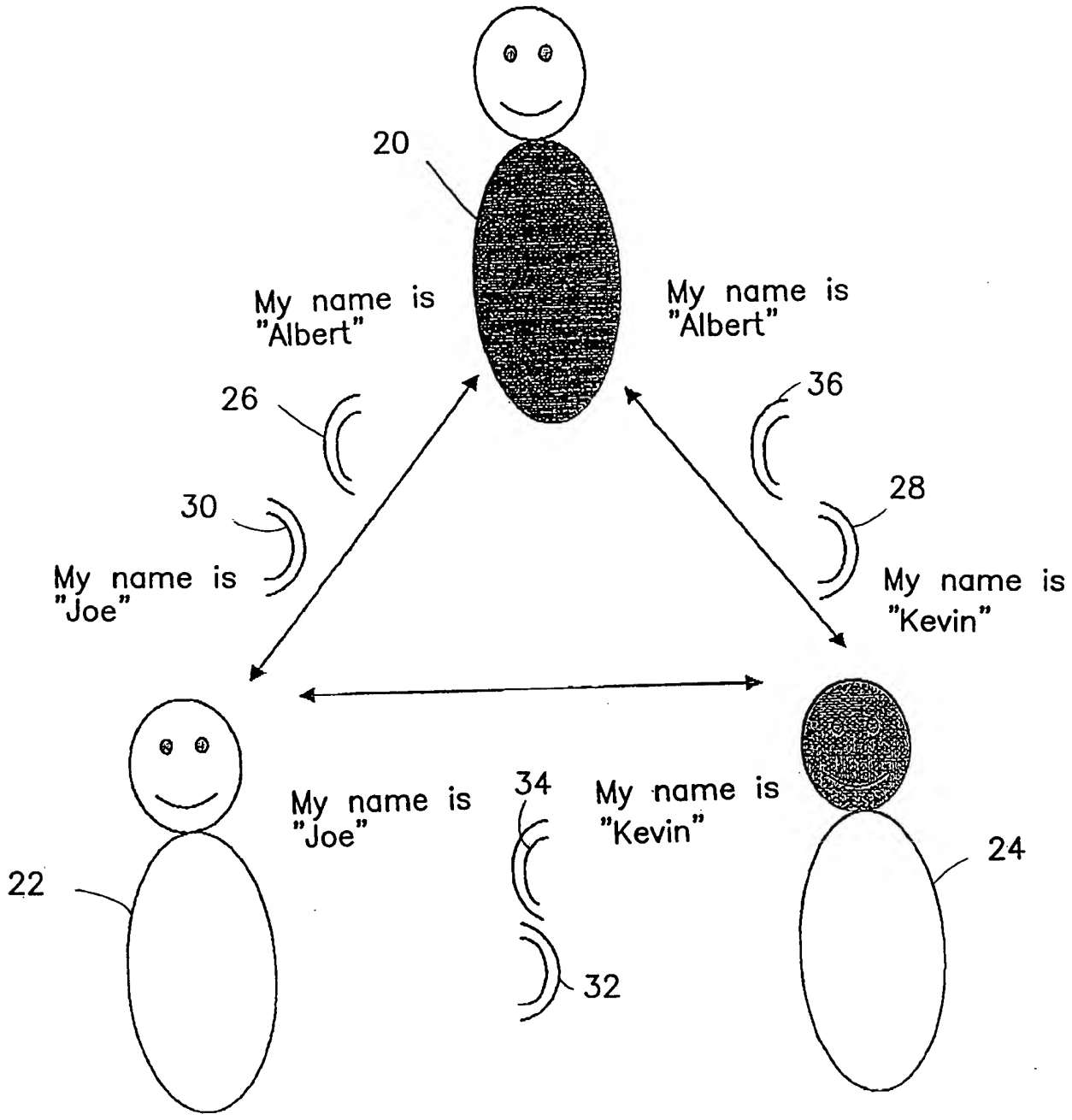
20
My name is "Albert"
My name is "Albert"
26
36
30
28
My name is "Joe"
My name is "Kevin"
22
My name is "Joe"
34
My name is "Kevin"
24
32

FIG. 2A

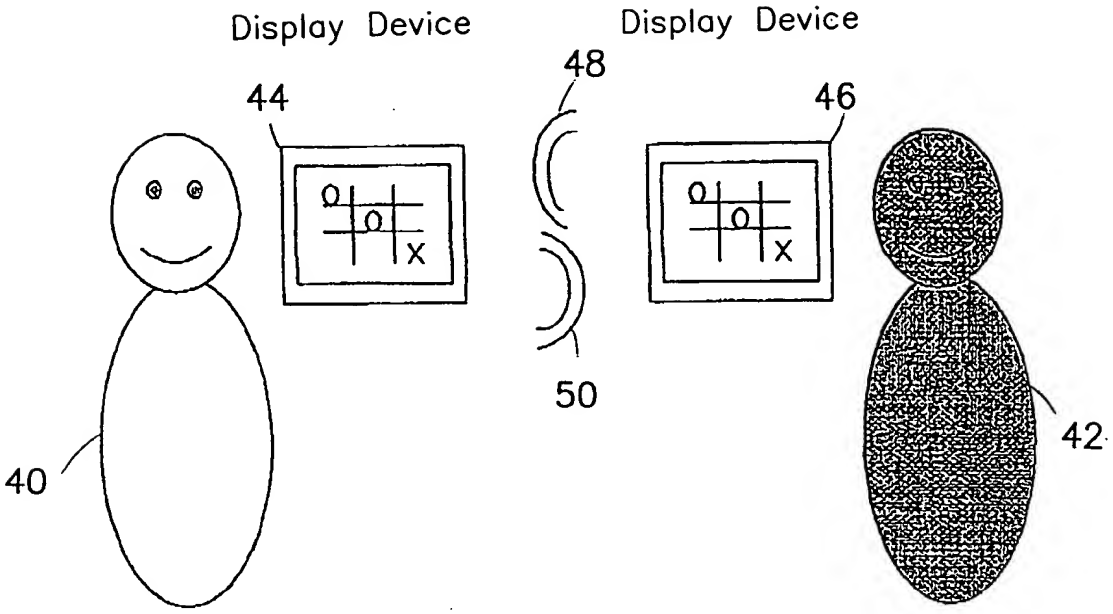

FIG. 2B

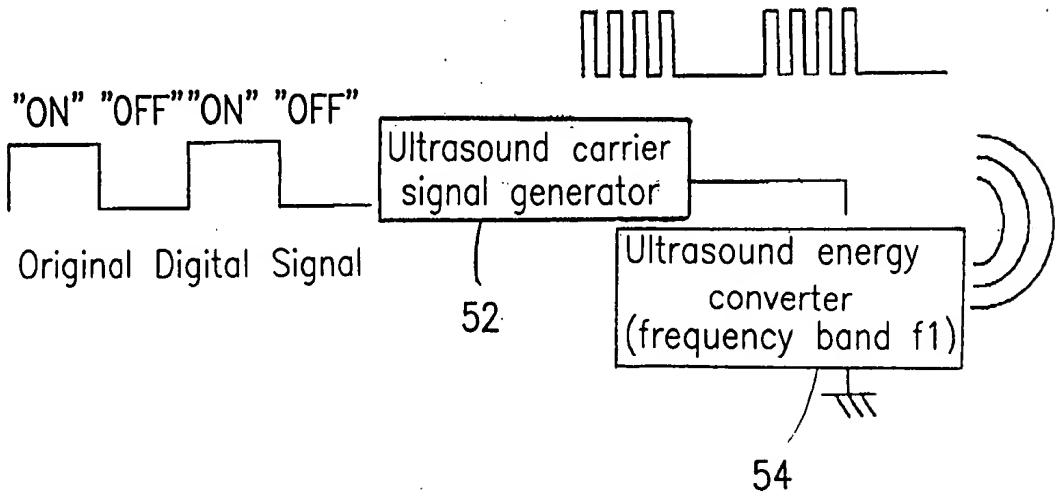
"ON" "OFF" "ON" "OFF"
Original Digital Signal
Ultrasound carrier signal generator
52
Ultrasound energy converter (frequency band f1)
54

FIG. 3

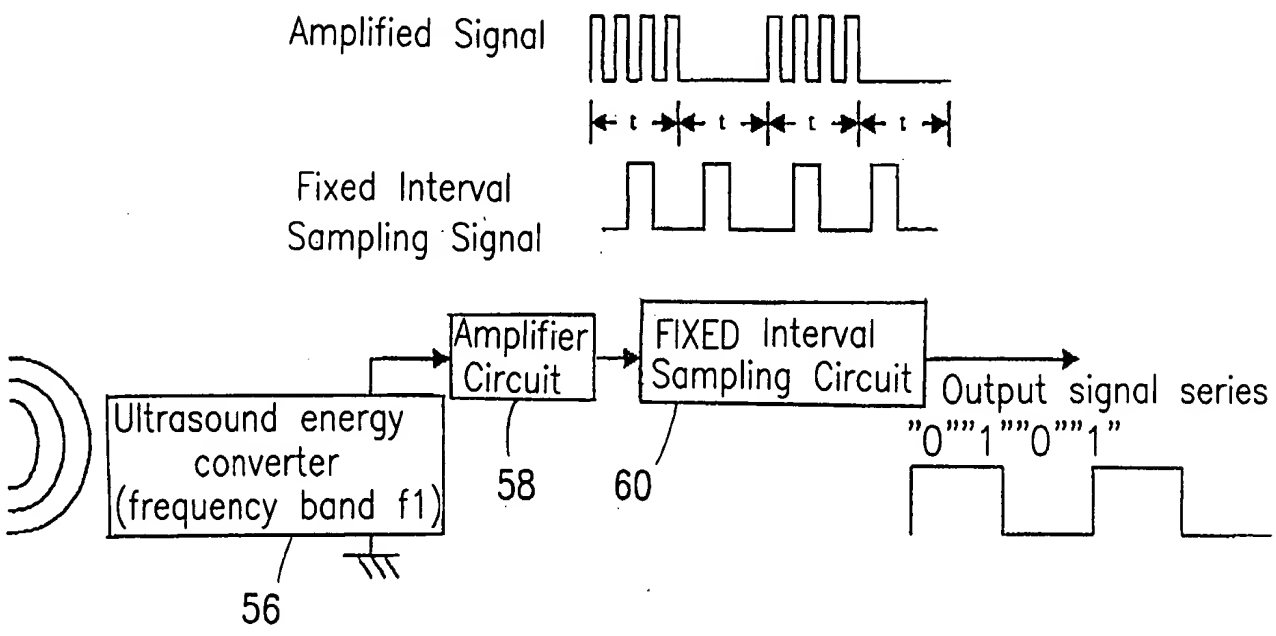
Amplified Signal
t
t
t
t
Fixed Interval
Sampling Signal
Amplifier
Circuit
FIXED Interval
Sampling Circuit
Output signal series
"0""1""0""1"
Ultrasound energy
converter
(frequency band f1)
58
60
56

FIG. 4A

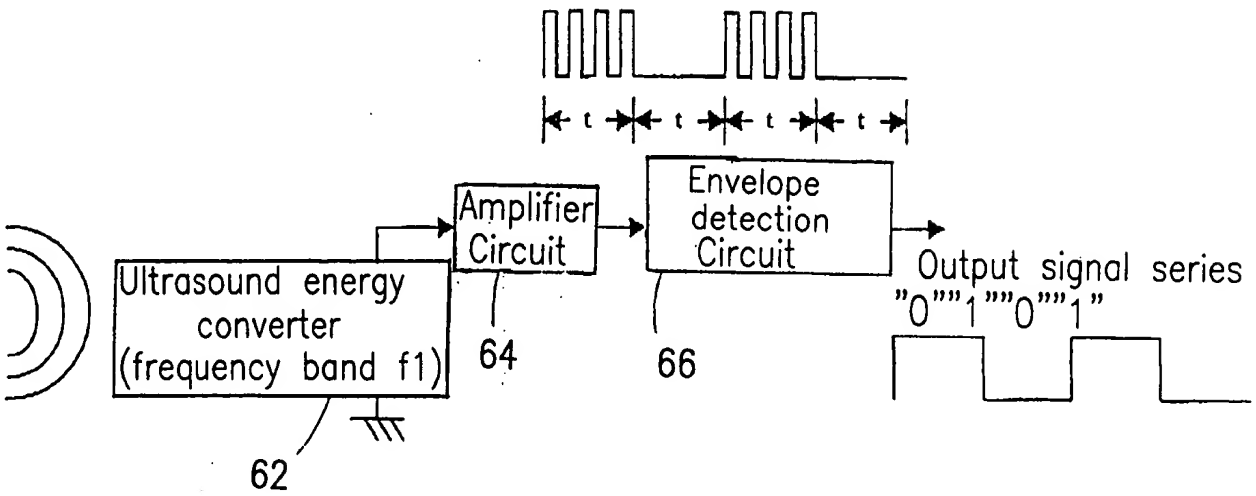
t
t
t
t
Amplifier Circuit
Envelope detection Circuit
Output signal series
"0""1""0""1"
Ultrasound energy converter (frequency band f1)
64
66
62

FIG. 4B

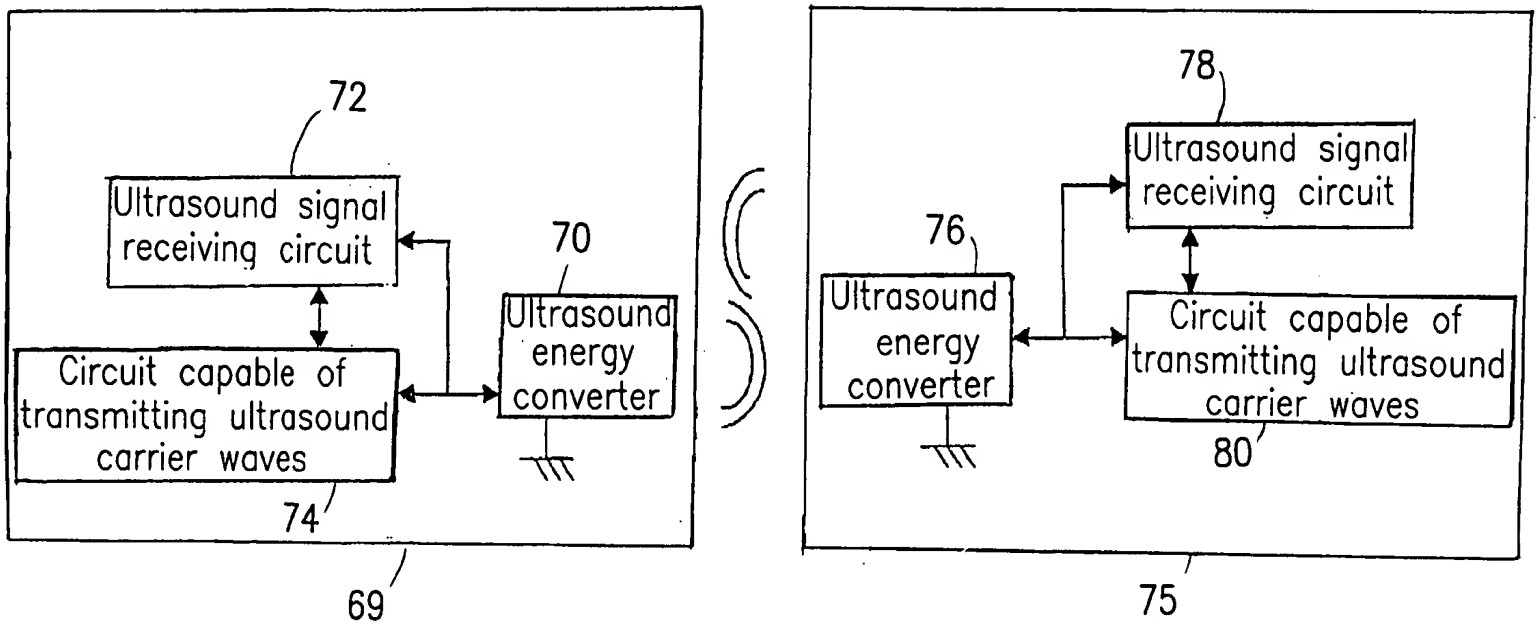
72
Ultrasound signal receiving circuit
70
Ultrasound energy converter
Circuit capable of transmitting ultrasound carrier waves
74
69
78
Ultrasound signal receiving circuit
76
Ultrasound energy converter
Circuit capable of transmitting ultrasound carrier waves
80
75

FIG. 5